

## Asst. Prof. ZEYNEP HURİ ÖZKUL BİRGÖREN

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### International Researcher IDs

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### Education Information

Doctorate, Bogazici University, Institute Of Science, Civil Engineering Department, Turkey 1999 - 2005

Postgraduate, Bogazici University, Institute Of Science, Civil Engineering Department, Turkey 1996 - 1999

Undergraduate, Bogazici University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1991 - 1996

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Shear strength and deformation behaviour of clay with randomly oriented tire buffing inclusions, Bogazici University, Institute Of Science, Civil Engineering Department, 2005

Postgraduate, The Effect of stress on the hydraulic conductivity of rubber soil liners permeated with gasoline, Bogazici University, Institute Of Science, 1998

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of shear strength variability on the peak and residual horizontal resistance of on-bottom subsea pipelines in clay**  
ÖZKUL BİRGÖREN Z. H., Birgören B.  
Engineering Science and Technology, an International Journal, vol.45, 2023 (SCI-Expanded)
- II. **Shear strength variability analysis for design of on-bottom pipelines in deep water Gulf of Mexico**  
Ozkul Z. H.  
Marine Georesources and Geotechnology, vol.38, no.10, pp.1129-1140, 2020 (SCI-Expanded)
- III. **Shear behavior of compacted rubber fiber-clay composite in drained and undrained loading**  
Özkul Z. H., Baykal G.  
Journal of Geotechnical and Geoenvironmental Engineering, vol.133, no.7, pp.767-781, 2007 (SCI-Expanded)
- IV. **Shear strength of clay with rubber fiber inclusions**  
Özkul Z. H., Baykal G.  
Geosynthetics International, vol.13, no.5, pp.173-180, 2006 (SCI-Expanded)

## Articles Published in Other Journals

### I. Estimation of Pipeline Embedment in Soft Submarine Soils by Different Methods

ÖZKUL BİRGÖREN Z. H.

Uluslararası Mühendislik Araştırma ve Geliştirme Dergisi, vol.12, no.1, pp.300-306, 2020 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

### I. İnşaat mühendisliği öğrencilerinin öğrenme stilleri ve geoteknik mühendisliği derslerinin bu kapsamda düzenlenmesi

BOZBEY İ., ÖZKUL BİRGÖREN Z. H., ÇINAR F. T.

Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Konferansı, Turkey, 26 - 28 September 2018, vol.2, pp.603-612

### II. Bestemmelse av hviletrykk (K0) i norske leirer – anbefalinger basert på en sammenstilling av lab-, felt- og erfaringsdata. : A revised look at the coefficient of earth pressure at rest for Norwegian Clays.

ÖZKUL BİRGÖREN Z. H.

Fjellsprenngningsteknikk - bergmekanikk - geoteknikk, 23 - 24 November 2017

### III. Norway'xxs National GeoTest site research infrastructure (NGTS)

L'heureux J., Lunne T., Lacasse S., Carroll R., Strandvik S., Özkul Birgören Z. H., Instanes A., Sinitsyn A., Degago S., Nordal S.

ICSMGE 2017 - 19th International Conference on Soil Mechanics and Geotechnical Engineering, Seoul, South Korea, 17 - 22 September 2017, pp.611

### IV. Learning styles of Civil Engineering students and tailoring geotechnical engineering courses accordingly

BOZBEY İ., ÖZKUL BİRGÖREN Z. H.

Geotechnical Engineering for Infrastructure and Development - Proceedings of the XVI European Conference on Soil Mechanics and Geotechnical Engineering, ECSMGE 2015, 13 - 17 September 2015, vol.7, pp.4223

### V. Offshore mudmats: Sensitivity of deflections to selected soil model

ÖZKUL BİRGÖREN Z. H.

Numerical Methods in Geotechnical Engineering - Proceedings of the 8th European Conference on Numerical Methods in Geotechnical Engineering, NUMGE 2014, 18 - 20 June 2014, vol.2, pp.1283

### VI. Piezocone Profiling of a Deepwater Clay Site in the Gulf of Guinea

ÖZKUL BİRGÖREN Z. H., Bik M., Remmes B.

Offshore Technology Conference, Houston, Texas, USA, United States Of America, 6 - 09 May 2013

### VII. The Influence of Energy Level on the Effectiveness of Compaction of Rubber Fiber Added Clays

ÖZKUL BİRGÖREN Z. H., BAYKAL İ. G.

TRB 86th Annual Meeting, 21 - 25 January 2007

### VIII. The effect of stress on the hydraulic conductivity of rubber soil liners permeated with gasoline

BAYKAL İ. G., ÖZKUL BİRGÖREN Z. H.

PROCEEDINGS OF THE FIFTEENTH INTERNATIONAL CONFERENCE ON SOIL MECHANICS AND GEOTECHNICAL ENGINEERING VOLS 1-3, İstanbul, Turkey, 27 - 31 August 2001, pp.1955-1958

### IX. Rubber-Soil Composite Liners for Control of Leakage from Underground Petroleum Storage Tanks

Baykal İ. G., Özkul Birgören Z. H.

International Conference on Oil Spills in the Mediterranean and Black Sea Regions: Impact, Contingency Planning, response, Technology for Containment and Recovery, İstanbul, Turkey, 15 - 18 September 1998, pp.1-11

## Metrics

Publication: 17

Citation (Scopus): 104

H-Index (Scopus): 2

## **Non Academic Experience**

Norwegian Geotechnical Institute

INTECSEA

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MACTEC